

L 3515-66

AM5018508

5

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44,55

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Available: Library of Congress (TP1180.P7L317)

SUB CODE: MT, OC SUBMITTED: 19Jan65 NO REF Sov: 026

OTHER: 507

PC

Card 3/3

L 34730-66 EWP(j) RM
ACC NR: AP6025205

SOURCE CODE: CZ/0008/66/000/002/0192/0209

AUTHOR: Lazar, Milan; Kysel', Ondrej

41

ORG: Laboratory for Polymers, SAV, Bratislava (Laboratorium polymerov SAV)

B

TITLE: Migration of hydrogen in alkyl radicals

SOURCE: Chemicke listy, no. 2, 1966, 192-209

TOPIC TAGS: alkyl radical, isomerization, electron spin resonance, polyethylene plastic, radiation chemistry

ABSTRACT: The article discusses isomerizations of such types where the H atom migrates within an alkyl radical. Isomerizations in ethyl, propyl, and butyl radicals are discussed; isomerization in radicals containing several carbon atoms, and in radical containing bi-radicals are described. Isomerizations in cyclic radicals, and in macro-radicals are discussed; the study of isomerization in macro-radicals is made by means of electron spin resonance. The decrease in vinylidene groups in irradiated polyethylene is discussed. The role of hydrogen migration in typical reactions of macroradicals is described. The mechanism of the migration is discussed. Orig. art. has: 31 formulas. [JPRS: 35,397]

SUB CODE: 07, 20, 11 / SUBM DATE: none / SOV REF: 014 / OTH REF: 076

LJ
Card 1/1

0916 0570

L 45360-66 EWP(j)/T IJP(c) RM
ACC NR: AP6033603

SOURCE CODE: CZ/0043/66/000/001/0028/0036

AUTHOR: Lazar, Milan (Engineer; Candidate of sciences; Bratislava); Barton, Jaroslav --
Barton', Ya. (Engineer; Candidate of sciences; Bratislava)

39
B

ORG: Laboratory of Polymers, Slovak Academy of Sciences, Bratislava (Laboratorium
polymerov Slovenskej akademie vied)

TITLE: Rate of formation of cross-linking interpolymers in the mixture of atactic
polypropylene - polyethylene - dicumyl peroxide

SOURCE: Chemicke zvesti, no. 1, 1966, 28-36

TOPIC TAGS: polymer cross linking, reaction rate, radical polymerization,
macromolecule

ABSTRACT: The number of cross-linkings among the macromolecules of atactic
polypropylene and polypropylene per mole of decomposed dicumyl peroxide was
investigated. It was determined that the cumyloxyradical reacts 3.8 times
faster with a basic unit of polypropylene than with a unit of polyethylene.
Orig. art. has: 2 figures, 8 formulas and 3 tables. [Based on authors' Eng.
abst.] [JPRS: 34,805]

SUB CODE: 07 / SUBM DATE: 19May65 / ORIG REF: 003 / OTH REF: 006

Card 1/1 a/v/v/v

0920 1642

DOBRESCU, C.; BIRCA, C.; LAZAR, Maria

Geobotanical and floristic contributions to the forest massif
of Birnova-Repedea, Iasi. Pt.1. Anal St Jassy II 10:147-158
'64.

1. Chair of Botany, Faculty of Natural Sciences and Geography,
"Al. I.Cuza" University, Iasi. Submitted October 26-28, 1962.

BURDUJA, C.; TOMA, C.; LAZAR, Maria

Materials for the flora of the Cotnari locality and
surroundings. Studii biol agr Iasi 14 no.1:23-44 '63.

1. Universitatea "Al.I. Cuza" Iasi, Catedra de botanica.

LAZAR, Milen

Theoretical principles for prolonged artificial ventilation.
Zdrav. vestn. 33 no.10:282-287 '64

1. Infekcijska klinika medicinske fakultete v Ljubljani
(Predstojnik: prof. dr. M. Bedjanic).

LAZAR, Milan; RADO, Rudolf; GOL'DBERG, G.M. [translator];
REINHOLD, V. [Reinohl], inzh., retsenzent; TOMIS, F.,
retsenzent; YAMANOV, S.A., red.

[Fluoroplasts. Translated from the Slovak] Ftoroplasty.
Moskva, Energiia, 1965. 303 p. (MIRA 18:4)

LAZAR, N., ing.

Metallization through pulverization applied to hydrotechnical
metallic constructions. Hidrotehnica 8 no.8:303-308 Ag'63

RUMANIA

LAZAR, Nita, Candidate in Biological Sciences (Candidat in Stiinte Biologice), Bucharest [affiliation not given]

"The Role of Microorganisms in Fixing the Molecular Nitrogen of the Atmosphere."

Bucharest, Natura. Seria Biologie, Vol 15, No 5, Sep-Oct 63,
pp 12-19.

Abstract: Describes the role played by nitrogen-fixing symbiotic and non-symbiotic bacteria in meeting the biological requirements of agriculture for nitrogen. Discusses some of the unknown facets relating to nitrogen-fixing bacteria, mentioning the lack of knowledge regarding the chemical process of nitrogen fixing, especially its first phase or the interaction of the nitrogen with the organic catalyst.

Includes 2 tables and 14 references, of which 1 Rumanian, 1 German, 6 Russian and 6 English-language.

1/1

L-16143-65 EWT(1)/EWG(k)/EWT(m)/EPA(w)-2/EEC(t)/EEC(b)-2/EWP(t)/EWP(b)
Pz-6/Pab-10 IJP(c)/ESD(gs)/ESD(t)/AFHL/ASD(a)-5/AS(mp)-2 JD/AT/WH
ACCESSION NR: AP4049125 S/0020/64/159/001/0043/0045

AUTHORS: Gol'dman, A. G. (Academician AN UkrSSR); Zholkevich, G. A.; Lazar',
N. P.; Dudnik, V. P.

TITLE: Volume electroluminescence and emission of hot electrons from sublimated
films of zinc sulfide

SOURCE: AN SSSR. Doklady*, v. 159, no. 1, 1964, 43-45, and top half of insert
facing p. 44

TOPIC TAGS: luminescence, electron emission, thin film/ FK 106 Cu activated ZnS

ABSTRACT: By using a slotted arrangement of electrodes, the authors discovered volume luminescence from one electrode to another in sublimated films of ZnS. The initial material was ZnS activated by Cu (brand FK-106). Copper chloride was added to this, and the mixture was poured into an alundum crucible and then placed in a high vacuum at high temperature (1000-1200°). The glass base was placed in a zone with a temperature of 300-350°. The resulting material was polycrystalline, dense, strongly bonded to the glass, forming a transparent film 3-10 microns thick, but scattering light slightly. Two electrodes were placed on top of the

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ACCESSION NR: AP4049125

2

film, from a few tenths of a millimeter to 1.5-2 mm apart. The electrodes were plated by sublimation in a vacuum, chiefly with Al, but Cu, In, and Au were also tried. A potential was impressed across the electrodes, and the film began to glow at a potential of about 10^4 v/cm. It glowed from cathode to anode, varying in uniformity in different experiments. The brightness of the luminescence, given in arbitrary units, may be expressed by the general formula $B = AV^k$, where V is given in kv and $k > 10$. For an example, when k was 13, for a particular arrangement of the electrodes, B ranged from 3 at 0.3 kv to 43 000 at 0.64 kv. The current through the electrode system exhibited a dependence on the voltage that was approximately exponential as well. On oscillograms, with alternating field, a correspondence was observed between brightness maximums and voltage peaks at low frequencies (100 cycles), but this correspondence became weaker for higher frequencies (1000 cycles). It was also noted that electroluminescence of the type observed was accompanied by marked "cold" emission of hot electrons. "The authors express their thanks to R. D. Fedorovich for his kind assistance in preparing the lamp to detect emission." Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Institut fiziki Akademii nauk UkrSSR (Institute of Physics, Academy of Sciences, UkrSSR)

Card 2/3

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1

L 16143-65
ACCESSION NR: AP4049125

SUBMITTED: 08Jul64

ENCL: 00

SUB CODE: SS, OP

NO REF SOV: 003

OTHER: 098

Card 3/3

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1"

L 14859-66 EWT(1)/EWT(m)/EWP(b)/EWP(t) IJP(c) AT/JD

ACC NR: AP6001722

SOURCE CODE: UR/0020/65/165/004/0786/0789

AUTHOR: Gol'dman, A. G. (Academician AN UkrSSR); Zholkevich, G. A.; Lazar', N. P. 79
ORG: Institute of Physics, Academy of Sciences UkrSSR (Institut fiziki Akademii nauk
UkrSSR)

TITLE: Stimulated currents and electroluminescence in sublimated zinc sulfide films
at 77K

SOURCE: AN SSSR. Doklady, v. 165, no. 4, 1965, 786-789

TOPIC TAGS: zinc sulfide, electroluminescence, thin film circuit, volt ampere char-
acteristic, electric conductivity, uv irradiation

ABSTRACT: This is a continuation of earlier work by the authors (DAN, v. 159, no. 1,
43, 1964) dealing with electroluminescent slit cells with sublimated zinc-sulfide
cells. The present article reports briefly tests of these cells at 77K, obtained by
applyin a dc voltage (from 100 to 2500 v) and measuring the photoluminescence with a
photomultiplier. The slit cell consists of a sublimated ZnS film on a glass sub-
strate. The results showed that when the voltage is raised to a critical value, the
cell becomes a negative resistance. Reduction of the voltage after going through the
critical value establishes a new state of the cell with stimulated conductivity, which
in some cases exceeds the conductivity at room temperature by a factor or 50. The
stimulated state is stable over a long time and its volt-ampere characteristic is re-
versible. The stimulated state can also be established by preliminary ultraviolet

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UDC: 539.293 : 535.376.2

L 14859-66

ACC NR: AP6001722

irradiation of the cell at 77K. It can be eliminated by heating and re-established by one of the indicated methods. In the stimulated state, as in the normal state, the current is proportional to approximately the seventh or eighth power of the voltage. The electroluminescence brightness in stimulated states increases more rapidly than linearly with current, being proportional to almost the square of the current. The brightness obtained in the stimulated state is many times larger than at room temperature. The experimental results are described in some detail. Unlike the results obtained by C. W. Litton and D. C. Reynolds (Phys. Rev. v. 125, no. 2, 516, 1962 and v. 133, no. 2A, A 536, 1964) for CdS, the luminescence was obtained in both unstimulated and stimulated state, and the volt-ampere characteristics are reversible in the present experiment. Orig. art. has: 4 figures.

SUB CODE: 20/ SUMB DATE: 09Jun65/ ORIG REF: 001/ OTH REF: 005

Card 2/2 10

L 26494-66 EWP(k)/EWT(1)/EWT(m)/ETC(f)/EWG(m)/T/EWP(t)/ETI/EWP(e) IJP(c) RDW/
ACC NR: AP6013058 RM/JD SOURCE CODE: UR/0049/66/030/004/0593/0598

AUTHOR: Gol'dman, A. G.; Zholkevich, G. A.; Lazar', N. P.; Dudnik, V. P.

ORG: None

TITLE: Investigation of the electroluminescence of sublimated films /Report, Fourteenth Conference on Luminescence held in Riga, 16-23 September 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 4, 1966, 593-598

TOPIC TAGS: electroluminescence, electric conductivity, phosphor film, zinc sulfide

ABSTRACT: The paper gives the results of further investigation of sublimated copper-activated zinc sulfide films described by the authors earlier (Doklady AN SSSR, 159, No. 1, 48, 1964) and used for the preparation of slit type electroluminescent cells. The basic preparation procedure was developed by G.A.Zholkevich and V.P.Dudnik. The initial material was ZnS₄ powder with about 10^{-3} g/g Cu. Sublimation from the crucible in a quartz tube began at 850-900°C and was continued for 1 to 2 hours, depending on the film thickness desired; in the process the furnace temperature rose to 1100-1200°C. Sublates with blue emission were deposited in the 150 to 300° zone with any orientation of the substrate relative to the crucible. Condensation occurred not from a molecular beam, but from a "gaseous cloud" of appreciable density, so that all angles of incidence were equally probable. The operating vacuum was 10^{-4} - 10^{-5} mm Hg. The

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ACC NR: AP6013058

reproducibility of the films was good. The advantages of the technique are described and it is noted that it can be used not only for slit type cells but also for cells of the sandwich type. Electroluminescence with a brightness of up to 30 nit could be satisfactorily excited by either ac or dc. The emission peak is located at about 475 m μ . In the case of slit type cells with an interelectrode gap exceeding 1 mm the electroluminescence is uniformly distributed over the interelectrode space. The brightness B is characterized by $B = B_0 V^n$, where V is the voltage and n is an exponent that varies from 9 to 12 for the sandwich type cells and from 12 to 14 for the slit type. In fields stronger than 10^4 V/cm, the variation of brightness with the current is given by $B = C I^m$, where m is about 2; in weaker fields the values of m vary in the range from 4 to 9. The sublimated films in the form of slit type cells with aluminum electrodes (gap about 1 mm) were investigated at 77° K in fields of up to 20 kV/cm. A number of interesting facts were observed: upon increase of the voltage to a critical value the cell becomes a negative resistance; after going through the critical voltage the new state with stimulated conductivity (the value of this may be as high as 50 times the conductivity at room temperature) is stable (the current-voltage characteristics are reversible); the stimulated state can also be induced by UV irradiation at 77° K; the stimulated state can be destroyed by heating and re-established by either of the above-mentioned two procedures; in the stimulated state, as in the "ordinary" state, the current is proportional to the voltage to the 7-th or 8-th power; the brightness dependence in the stimulated state, as in the ordinary state, is proportional to the current to approximately the second power; owing to the high current values realized.

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L 26494-66

ACC NR: AP6013058

able in the stimulated state in this state it is feasible to obtain brightnesses an order of magnitude higher than in the ordinary state. The authors also prepared CdS films 20-30 microns thick by vacuum sublimation onto conducting glass substrates heated to 350 to 450°; these were then drifted with gallium to obtain n-type films with a resistivity of 10^2 - 10^3 ohm cm. The CdS films were further coated (also by vacuum evaporation) with zinc telluride doped with silver and the combined film was annealed for 5-10 min at 520° to induce ordering. These double layer films also exhibited bright luminescence; the electroluminescence at liquid nitrogen temperature with the voltage in the "conducting" direction attained 10-15 nit, whereas with the voltage in the "blocking" direction the brightness was about an order of magnitude lower. Both the current and the voltage appear to be varying power functions of the voltage. Orig. art. has: 5 figures.

SUB CODE: 20/

SUEN DATE: 00/

ORIG REF: 002/

OTH REF: 005

Card 3/3 CC

L 08134-67 EWT(1) IJP(c) AT

ACC NR: AP6033525 SOURCE CODE: UR/0185/68/011/010/1114/1117

AUTHOR: Hol'dman, O. H. -- Gol'dman, A. G.; Zholkevych, H. O. --
Zholkevich, G. A.; Lazar', M. P.; Lazar', N. P.

49
B

ORG: Institute of Physics, AN URSR, Kiev (Instytut fizyky AN URSR)

TITLE: Electroluminescence of ZnS crystals and electron emission in vacuum

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 10, 1966, 1114-1117

TOPIC TAGS: electroluminescence, electron emission, zinc sulfide, vacuum

ABSTRACT: A description is given of the conditions of formation, existence, and quenching of the electron emission in vacuum and of associated electroluminescence of the ZnS crystals. Orig. art. has: 5 figures. [Based on authors' abstract]

SUB CODE: 20/ SUBM DATE: 15Jul65/ ORIG REF: 001/ OTH REF: 003/

Card 1/1 nst

ACC NR: AP7001544

SOURCE CODE: UR/0020/66/171/003/0555/0558

AUTHOR: Gol'dman, A. G. (Academician AN UkrSSR); Zholkevich, G. A.; Lazar', N. P.

ORG: Physics Institute, Academy of Sciences UkrSSR (Institut fiziki Akademii nauk UkrSSR)

TITLE: Negative resistance and a stimulated condition in electroluminescent zinc sulfide films at 77K

SOURCE: AN SSSR. Doklady, v. 171, no. 3, 1966, 555-558

TOPIC TAGS: photoluminescence, zinc sulfide, electric measurement

ABSTRACT: The excited state of electroluminescent zinc sulfide films was studied at a temperature of 77K. This excited state was established either by ultraviolet irradiation or by application of electrical fields. The luminescence of the excited state was measured with the electroluminescent circuit placed in a liquid nitrogen cryostat. An FEU-17 photomultiplier connected either to an M-95 galvanometer or to an EPPV-60 automatic recorder was used to perform the measurements. The spectral measurements were made with an SF-4 spectrophotometer. The spectra of the excited and non-excited states practically coincided; the maximum was located at 465 m μ and the halfband width was 76 m μ . A more accurate determination of the stimulated state was made, and the possible effects of redistributing the voltage between the lumino-phor and the pre-electrode regions was eliminated by measuring the potential drop

Card 1/2

UDC: 535.376+535.377+537.226.8

ACC NR: AP7001544

across the luminophor with probes. The electroluminescent film was made by depositing a layer of zinc sulfide 20—30 μ thick on glass; aluminum electrodes were vacuum deposited on the film. Measuring probes, made from tungsten wires 0.2 mm thick, were embedded in the film at a depth of \sim 10 μ . The excited state was established by applying a critical voltage (428—640 v for electrodes placed 0.72 mm apart) across the electrodes. Ultraviolet irradiation as well as the critical voltage created a stable excited state that exhibited a several-fold rise in conductivity (at currents from 3×10^{-9} to 65×10^{-6} amp for probes placed 0.27 mm apart) and in electroluminescent brightness. The volt-ampere characteristics were identical and the thermoluminescence had equal peaks for both methods of excitation. Orig. art. has: [IV] 4 figures.

SUB CODE: 20/ SUBM DATE: 26Apr66/ ORIG REF: 002/ OTH REF: 005/
ATD PRESS: 5110

Card 2/2

LAZAR, P.

Radioactive sampling. p. 3. TEHNICA NOUA. (Asociatia Stiintifica a
Inginerilor si Tehnicienilor) Bucuresti. Vol. 2, no. 25, Nov. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

LAZAR, P.

LAZAR, P. Planning the industrial power economy. p. 1.

Vcl. 1C, No. 1, Jan. 1956.

TCEPTERMEI ES.

TECHNICI CGY

Budapest, Hungary

Sc: East European Accession, Voll 5, No. 5, May 1956

LAZAR, P.

LAZAR, P. Energy norms in the German Democratic Republic and in Hungary. p. 31.

Vol. 11, no. 16, Aug. 1956

MUSZAKI ELET

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

LAZAR, P.

"Planning the requirements of siderurgy."

p. 571 (Energia Es Atomtechnika) Vol. 10, no. 8/10, Dec. 1957
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

LAZAR, Peter, Dr.

Determination of the industrial electric power demand and general
electric power requirements. Elektrotehnika 52 no.1/2:24-38
'59.

LAZAR, Peter, dr.; SIK, Bela; LOMB, Frigyes

Determination of electric power requirement and supply for
the industry. Elektrotechnika 52 no.1/2:24-41 '59.

1. Orszago Villamosenergia Felugyelet (for Sik and Lomb).

LAZAR, Peter, dr.

What is the state of technical documentation? Musz elet 15 no.20:7
S '60. (EEAI 10:1)
(Hungary--Technology)

LAZAR, Peter, dr.

Newer methods for planning electric power requirements.
Elektrotechnika 53 no.5/6:235-239 '60.

1. Orszagos Szechenyi Konyvtar.

LAZAR, Peter, dr.

Calculation questions in planning power demands. Energia
es atom 14 no.8/9:337-350 S '61.

PEREDY, Sandor; MONATH, Lajos; RAPELIUS, Karl (Leipzig); CALLENBERG, Waldemar (Leipzig); LIPKA, Ceslav (Praha); FREIBERGER, Rudolf, dr. ing. (Praha); SCHENKEL, Gerhard, dr. ing. (Karlsruhe); MIKULSKI, Jan, dr. ing. (Katowice); FRATZSCHER, Wolfgang, dr. ing. (Drezda); BENEDEK, Istvan; CUKOR, Gyorgy; SAGI, Marton; SOVARY, Emil; NAGY, Csaba (Roman Nepkoztarsasag); ELEFTERESCU, M. (Roman Nepkoztarsasag); KOVACS, Istvan (Roman Nepkoztarsasag); LAZAR, Peter, dr.; MEJRO, Cz., prof. (Varso); KOKOVAY, Janos, dr.; SCHAEFER, Helmuth, dr. ing. (Karlsruhe); BORBAS, Nandor; GRUHN, Gunther, Dipl. ing. (Drezda); SZABO, Bendeguz; GYORI, Attila; MOLNAR, Laszlo; RECZEY, Gusztav, dr.

Determination and application of specific power utilization indexes. Ipari energia 3 no.1/2:15-22 Ja-F '62.

1. Koho- es Gepipari Miniszterium Ipargazdasagi es Uzemszervezesi Intezete (for Peredy), 2. Obudai Hajogyar (for Monath).
3. Orszagos Energiagazdalkodasi Hatosag (for Benedek and Reczey).
4. Magyar Tudomanyos Akademia Kozgazdasagtudomanyi Intezete (for Cukor and Sagi). 5. Eromu Tervezo Iroda (for Sovary). 6. Konnyui-pari Miniszterium (for Kokovay). 7. Voros Csillag Traktorgyar (for Borbas). 8. Kobanyai Muanyaggyar (for Szabo). 9. Koho- es Gepipari Miniszterium Energiaosztaly (for Molnar).

CUCIUREANU, Georgeta, dr.; TURCU, Tatiana, dr.; LAZAR, P., dr.; TRUSCA, V., dr.

Antimicrobial action of furxone: studies in vitro. Microbiologia (Bucur) 10 no.1:19-25 Ja-F'65.

1. Lucrare efectuata in Clinica de boli contagioase, Institutul medico-farmaceutic, Iasi.

LAZAR, P., dr.

Role of specific energy consumption index numbers in planning
industrial power demand. Ipari energia 5 no.3:56 M '64.

FRANCHE, Maria, prof., dr.; BRAUNER, E., dr.; CUCIUREANU, Gh., dr.; BALTIEV, A., dr.; HURMUZACHE, Th., dr.; LAZAR, P., dr.; JOSEFSOHN, I., dr.; DUMITRIU, St., dr.; FURCOI, I., extern; SAPIRA, A., extern

Current aspects of staphylococcal septicopyemia. Considerations on the cases hospitalized at the Communicable Disease Clinic of Iasi between 1950 and 1959. Med. intern., Bucur 13 no.1:33-43 Ja '61.

1. Lucrare efectuata in Clinica de boli contagioase, Iasi (director: prof. Maria Franche).

(STAPHYLOCOCCAL INFECTIONS statistics)
SEPTICEMIA statistics)

LAZARESCU, I.; ALBU, A.; LAZAR, P. SIMON, A.; DEACU, L.

Contributions to the calculation of friction electromagnetic
clutches with ferrodiagnetic materials. Bul stiint polit Cluj
6:295-305 '63.

L 13061-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6005725

SOURCE CODE: RU/0023/65/010/001/0019/0025

AUTHOR: Cuciureanu, Georgeta—Kuchuryanu, D. (Doctor); Turcu, Tatiana—Turku, T. 21
(Doctor); Lazar, P.—Lazer, P. (Doctor); Trusca, V.—Trushka, V. (Doctor)

ORG: Clinic for Contagious Diseases, IMF, Iasi (Clinica de boli contagioase, IMF) 14, 39

TITLE: Antibacterial action of furoxone. Investigations in vitro

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 19-25

TOPIC TAGS: bacteria, drug, drug treatment

ABSTRACT: The sensitivity of various germs to furoxone was evaluated by the method of tube dilutions. The average bacteriostatic and bactericidal concentration of furoxone required was 2.7 gamma per milliliter for Shigella, 2.5 gamma/ml for staphylococcus and 28 gamma/ml for streptococcus, with no variations of bacteriostatic titre within the same group of germs. Strains isolated from a patient under treatment with furoxone at various stages of the disease proved to be sensitive in vitro to the same concentration, showing that the germs had not developed resistance. Orig. art. has: 3 tables.
[JPRS]

SUB CODE: 06 / SUBM DATE: 16Jun64 / ORIG REF: 001 / OTH REF: 008
SOV REF: 003

Card 1/1 DR

UDC: 615.777

LAZAR, R.

LAZAR, R. Problems of technological standardization in ore mines. p. 353.
Vol. 4, no. 12, Dec. 1956. RUDY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

LAZAR, R.

"Correct preparation for magazine mining." p. 6.

RUDY. Praha, Czechoslovakia. Vol. 7, no. 1, Jan. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Uncclas.

LAZAR, Rudolf, inz.

Graphic design of ventilation nets. Rudy 9 no.11:368-372 N '61. —

l. Ustav pre vyskum rud, pracovisko Banska Stiavnica.

(Mine ventilation)

LAZAR, Rudolf, inz.

Proceed with the utmost economy in installing a separate ventilation. Rudy 10 no.6:185-191 Je '62.

1. Laboratorium vetrania a klimatizacie, Ustav pre vyskum rud, Banska Stiavnica.

LAZAR, R., inz.

Use of geothermal measurement for prospecting sulfidic deposits.
Rudy 11 no.1:21-22 Ja '63.

1. Laboratorium vetrania a klimatizacie bani, Ustav pro
vyzkum rud, Banska Stiavnica.

LAZAR, Rudolf, inz.

Occurrence of a thermal spring at the Frantisek mine in Banska
Stiavnica and the suggestion for making use of the heat energy.
Rudy 11 no. 6:195-199 Je '63.

1. Ustav pro vyzkum rud, Banska Stiavnica.

GAZELLE, ANDREW, KOWSKI, MARY ANN

Federal results of groundwater measurements in the Arctic
Tiber River area. July 19, 1961. Supplied via declassif.
agency code 17-23 6 166.

U.S. GOVERNMENT PRINTING OFFICE: 1962 10-1200-1

LAZAR, Simion, ing. (Iasi)

A simple method for solving the problems on transport programming.
Gaz mat fiz 15 no.9:462-472 S '63.

GLUHOVSCHI, N.; LAZAR, St.; NAFORNITA, M.; LAZAR, M.

Carotene-deficient feed in gestating cows, a determining factor of
the morbidity and mortality of newborn calves. Studii agr Timisoara
9 no.3/4:297-316 Jl-D '62.

LAZAR, St. I.

Country : Romania M
Category : CULTIVATED PLANTS COMMERCIAL. Oiliferous. Sugar-
Beet
Abc. Date: REF 7MURBIOU, 01, 1953, NO. 95086

Author: Gîrde, T. B.; Balif, G.; Lazar St., I.; Kalmutchi, G.*
Institut: Timișoara Inst. of Agronomy
Title: The Effect of Certain Growth Stimulants on Sugar
Beet Productivity

Orig. Pub.: Anuarul lucrer. științ. Inst. agron. Timișoara,
București, 1957, 133-140

Abstract: Sugar beet seeds were treated for 15 minutes in
2,4-D solutions (in concentrations of 5 and 10
mg/l in pure form and with the addition of 100 mg
per liter of acetyl acetate), α -naphthylacetic acid
(0.5 and 1 mg/l) and β -naphthylacetic acid (50 and
100 mg/l). The stimulants were first dissolved in
small amounts of alcohol and brought up to the
necessary concentrations with water. In two months
after planting, the beets were side-dressed with P₂O₅

*Kohn, I.
Card: 1/3

119

Country : M
Category : CULTIVATED PLANTS, COMMERCIAL, Oleiferaeae. Sugar-
Bearing.
Abs. Jour. : REF ZHUR-BIOL., 21, 1958, NO. 96086

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : in doses of 80 and 100 kg/he. Seed treatment with 2,4-D yielded a reduced root harvest which was especially noticeable with the addition of uranyl acetate. Some increase in root yield was gotten with α -naphthylacetic acid and β -naphthylacetic acid in comparison with the control. Treatment with 2,4-D (5 mg/l) increased the saccharinity by 0.7%, and in concentration of 10/mg/l by 0.2%. The addition of uranyl acetate cut the action of pure 2,4-D nearly down to the level of the control.

Card: 2/3

LAZAR, T.

SCIENCE

Periodicals: REVISTA DE CHIMIE. Vol. 9, no. 9, Sept. 1958.

LAZAR, T. Preparation of esters of the sterin class. p. 495

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

L 01054-56

ACCESSION NR: AT5022333

HU/2052/64/041/003/0329/0330

5

34/

AUTHOR: Bajusz, Sandor (Budapest); Lazar, Terez (Budapest); Paulay, Zoltan (Budapest)

TITLE: Anomalous reaction of beta-tert-butyl asparatate

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. 41, no. 3, 1964, 329-330

TOPIC TAGS: ester, acetic acid, amino acid

Abstract: [English article] Working on a synthesis of eleodisine, the authors reacted the pentapeptide diester carbobenzoxy-Asp(OBu^t)-Ala-Phe-Ile-Gly-OEt and obtained an alkyl monoester identical with the carbobenzoxy-pentapeptide ethyl ester carbobenzoxy-Asp(OH)-Ala-Phe-Ile-Gly-OEt resulting in the reaction between diester under the action of trifluoroacetic acid. The pentapeptide monoester obtained by alkaline saponification could not be split further with trifluoroacetic acid. Orig. art. has 4 formulas.

ASSOCIATION: Research Institute for Pharmaceutical Industry, Budapest

SUBMITTED: 14Jan64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 000

OTHER: 002

JPBS

Card 1/1 mbr

LAZAR, Tatiana, ing.

Stupefying animals for slaughter. Ind alim anim 11 no.3:
83-84 Mr'63

1. Institutul de cercetari alimentare.

LAZAR, Tr.

Correlation between the increased production and labor productivity,
and the increase of basic wages in collective farms. Probleme econ
15 no.1:103-109 Ja '62.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1

LAZAR, Tr.

Joining public interests and personal interests on Rumanian collective farms. Probleme econ 16 no.1:44-57 Ja '63.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1"

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1

LASAI, TR.

Granting money advances to collective farms. problems code 10
no. 9:100-111 5 '63.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910010-1"

LAZAR, Tr.; ROMEO, C.

Ways of increasing the economic efficiency of animal production
on the Miraslau collective farms. Clum region. Probleme econ 17
no.1:129-135 Ja '64.

DUMA, D.; SERBAN, M.; POPOVICIU, L.; LAZAR, Tr.; MARES, V.; TARANU, Al.

Histochemical research in various muscular diseases. Stud.
cercet. neurol. 10 no.3:159-165 Je '65.

MANTA, I.; DUMA, D.; LAZAR, Tr.C.; POPOVICIU, L.; CATANA, Rozalia;
PIRVU, Maria; SERBAN, M.

Biochemical research on experimental allergic encephalomyelitis.
Pt.2. Fiziol. norm. pat. 11 no.3:237-242 My-Je '65.

1. Catedra de biochimie si Clinica de neurologie, Institutul
medico-farmaceutic, Cluj.

LAZAR, V.

LAZAR, V. The reopening of flooded mines. p. 356. Vol. 4, no. 12, Dec. 1956.
RUDY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

LAZAR, V.

LAZAR, V. - Refresher courses for agricultural specialists during the second
Five-Year Plan. p. 3, Vol. 11, no. 13, July 1956 - Magyar
Mezogazdasag - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

LAZAR, Vilmos, dr., egyetemi tanar

Historic significance of the Hungarian Soviet Republic.

Munka 9 no.3:l-2 Mr '59.

SAVULESCU, A.; LAZAR, V.; BECERESCU, D.

Effect of some oidia on plastics. Rev biol 5 no.1/2:67-75 '60.
(EEAI 10:9)

1. Membre correspondant de l'Academie de la Republique Populaire Roumaine; Comite de redaction, "Revue de Biologie", Redacteur en chef (for Savulescu).

(Fungi) (Plastics)

SAVULESCU, Alice; LAZAR, Viorica; BECERESCU, D.

Influence of some mold fungi on plastic materials. Studii cerc biol
veget 12 no.2:155-164 '60. (EEAI 9:11)

1. Membru corespondent al Aca demiei Republicii Populare Romine
(for Savulescu)
(Molds (Botany)) (Fungi) (Plastics)

POPESCU, G., biolog, laureata a Premiului de Stat; ESANU, F., ing.; ANDRUCHOVICI, F., ing.; LAZAR, V., biolog; SAVULESCU, Alice, prof. dr.

Combating the microorganisms in moist straw cellulose. Cel hirtie 11 no.4:141-150 Ap '62.

1. Institutul de Cercetari si Proiectari pentru Hirtie, Celuloza si Stuf (for Andruchovici). 2. Institutul de biologie "Traian Savulescu" (for Lazar). 3. Membru al Academiei R.P.R. (for Savulescu).

SAVULESCU, A. & LAZAR, V.

Mold resistance of polyvinyl chloride mixtures. Polimery tworz
wielk 8 no. 5:196-197 My '63.

1. Członek korespondent Akademii Rumunskiej Republiki Ludowej
(for Savulescu).

SAVULESCU, Alice, acad.; LAZAR, Viorica; POPESCU, Georgeta

Research on identifying and fighting cellulose molds. Studii
cerc biol veget 15 no.4:521-529'63

L 21139-65 ENT(m)/ENA(d)/ENP(v)/T/ENP(t)/ENP(k)/ENP(b) Pf-4 MJW/JD/HM

ACCESSION NR: AP4045457

S/0125/64/000/009/0028/0035

23
22

B

AUTHOR: Bogushevskiy, S. F.; Vivsik, S. N.; Lazar', Ye. S.

TITLE: Welding of "E1756"* steel steam pipes

SOURCE: Avtomaticheskaya svarka, no. 9, 1964, 28-35

TOPIC TAGS: welded pipe, weldability mechanical property, hot crack

ABSTRACT: The investigated steel possesses good oxidation and corrosion-resistant properties at a maximum temperature of 620°C. It is commonly used for steam and gas turbine vanes. In view of the introduction of experimental pipes made of E1756 steel at the im. S. Ordzhonikidze Plant, extensive weldability tests of 273 x 36 mm normalized and tempered specimens were carried out. The chemical composition of the pipes was: 0.13 C; 0.75 Mn; 0.24 Si; 11.0 Cr; 0.69 Mo; 0.20 V; 1.92 W; 0.018 S; 0.021 P. The zone affected by the temperature of the base metal displayed a negligible softening at a distance of 3 to 4 mm from the fusion line. The seam metal and the weld joints possessed satisfactory short-

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* [E 1756 designation should be EI 756]

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time mechanical properties after a 750C temper and a five hour holding period. Precipitation hardening at 600 C for 4000 hrs. negligeably lowers seam metal and weld joint strength and plasticity while sharply decreasing impact toughness at room temperature. At service temperatures, the impact toughness of the seam is satisfactory. At 600 C the weld joints were found to possess an adequate stress-rupture strength. A tendency towards hot cracking in craters was observed in the metal seam and, therefore, reliable service of welded pipes is only provided by a thorough removal of all craters during the welding process. Orig. art. has: 8 figures and 7 tables

ASSOCIATION: Podol'skiy zavod im. S. Ordzhonikidze (Podol'sk Plant)

SUBMITTED: 30Dec63

ENCL: 00

SUB CODE: MM

NR REF SOV: 001

OTHER: 000

Card 2/2

BOGUSHEVSKIY, S.F., inzh.; VIVSIK, S.N., inzh.; LAZAR', Ye.S., inzh.

Weldability of a composite connection of coil pipes from 12Kh1MF
steel with a collector from 15GS steel. Energomashinostroenie 10
no.l:30-33 Ja '64. (MIRA 17:4)

LAZAREK, Wladyslaw, mgr., inz.

Criteria for dividing standardization problems into particular standards; a discussion. (To be contd.) Normalizacja 29 no.9:410-413 '61.

(Standardization)

LAZAREK, Wladyslaw, mgr., inz.

Criteria for dividing standardization problems into particular standards; a discussion. Pt. 3. Normalizacja 29 no.11/12: 511-515 '61.

(Standardization)

LAZAR-GERGELYNE, I.

HUNGARY/Pharmacology - Toxicology. 5-hydroxytryptamine and
Its Antagonists.

U-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12959

Author : Gyermek, L., Lazar-Gergelyne, I., Czak, Z.

Inst : -

Title : Antiserotonin Activity of Chlorpromazine and Other
Phenothiazine Derivatives.

Orig Pub : Acta pharmac. hung. 1957, 27, No 1-2, 66-75.

Abstract : After the injection of ganglionic blocking agents the an-
tagonistic effect of chlorpromazine, phenergan and dipar-
cole upon serotonin was demonstrated in the isolated ute-
rus of the rat and on decapitated cats. This effect is
inherent in agents possessing a sedative action.
Phenothiazine derivatives, chlorpromazine in particular,
play an important role in antiserotonin activity.

Card 1/1

Conductometric titration of bismuth with pyrogallol.
C. Dragulescu and D. Lazar-Jucu. Acad. rep. polonaise
Banska, Tomaszew, Stud. chem. Ser. 1, No. 1/1, 15-41
(1964) [Fieach summary] To gives a method for
with $C_6H_3(OH)_3$. In polyacids the conductometric titration
gives reproducible and accurate results. [See Goto]

21

4

PM/est

RUMANIA/Inorganic Chemistry. Complex Compounds.

C

Abstr Jour: Ref Zhur-Khim., No 15, 1958, 49796.

Author : Dragulescu C., Lazar-Jucu D.

Inst : Rumanian Academy.

Title : Conductometric Study of the Formation of Bismuth Phosphate.

Orig Pub: Studii si cercetari stiint. Acad. RPR. Baza Timisoara
Ser. stiinte chim., 1956, 3, No 1-2, 9-16.

Abstract: Conductometric study of precipitation of $\text{Bi}(\text{NO}_3)_3$ (I), in aqueous solution of glycerol or mannitol, with a solution of Na_2HPO_4 , has shown that the conductometric curve has two inflection points; the 1st corresponds to the reaction $2\text{I} + \text{Na}_2\text{HPO}_4 + 2\text{H}_2\text{O} = (\text{BiO})_2\text{HPO}_4 + 2\text{NaNO}_3 + 4\text{HNO}_3$, the second -- to the overall reaction $\text{I} + 2\text{Na}_2\text{HPO}_4 = \text{BiPO}_4 +$

Card : 1/3

3

RUMANIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 15, 1958, 49796.

+ NaH_2PO_4 + 3NaNO_3 . On titration of I in aqueous glycerol solution with a solution of KH_2PO_4 the electric conductivity increases at first, due to hydrolysis of I with formation of HNO_3 , and decreases thereafter. On titration of I in aqueous solution of mannitol, with orthophosphoric acid, the curve has one inflection point at the ratio $\text{Bi} : \text{PO}_4 = 2:1$, to which corresponds the formation of bismuthyl phosphate and HNO_3 . If, on the other hand, a solution of Na_2HPO_4 is titrated with a solution of I, there is immediately formed BiPO_4 with concomitant neutralization of HNO_3 . During this reaction the electric conductivity remains constant up to the ratio $\text{Bi} : \text{PO}_4 = 1:2$. On further titration the electric conductivity increases due to formation of free HNO_3 , and the curve shows an inflection

Card : 2/3

DRAGULESCU, C., prof.; SIMONESCU, T.; LAZAR-JUCU, D.

Titration of thorium with hypophosphoric acid in the presence of the
pyrocatechin violet "VPC." Studii mat Timisoara 7 no.1/2:15-20
Ja-Je '60. (EEAI 10:4)

1. Membru corespondent al Academiei R.P.R., Comitetul de redactie,
Studi si cercetar, Stiinte chimice, Baza de Cercetari stiintifice
Timisoara, redactor responsabil (for Dragulescu).
(Thorium) (Pyrocatechol Biolet) (Hypophosphoric acid)

S/137/60/000/011/002/043
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 11, p. 16,
25270

AUTHORS: Mikadze, I.S., Chachanidze, O.V., Indzhid, G.A., Lazarashvili, I.G.

TITLE: On the Use of a Mathematical Computer for Controlling the Electrical
Conditions of Ferroalloy Arc Furnaces

PERIODICAL: Dokl. Nauchno-proizv. konferentsii mashinostroiteley i priborostroiteley, Leningrad, Sudpromgiz, 1959, pp. 123 - 128

TEXT: To improve the process in ferroalloy furnaces and to bring about its comprehensive automation, an analog computer is being developed to control the electrical conditions of ferroalloy arc furnaces by root-mean-square current values and mean values of useful power. The computer is intended for the joint operation with the existing regulator. During melting of the charge the maximum permissible power supply is controlled. During refining, only the programmed temperature of the molten metal has to be maintained. The following methods of con-

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L 19321-63
Pg-4 CC

EMT(d)/FCC(w)/BDS ASD/ESD-3/APGC/IJP(C) Pg-4/Pk-4/Po-4/

ACCESSION NR: AR3005865

S/0271/63/000/007/B021/B021 AB

SOURCE: RZh. Avtomatika, telemekhanika i vy*chislitel'naya tekhnika, Abs. 7 B99

AUTHOR: Lazarashvili, I. G.

TITLE: A multiplying-dividing device composed of linear elements

CITED SOURCE: Tr. Tbilissk. n.-i. in-ta priborostro. i sredstv avtomatiz., v. 2,
1960, 203-208

TOPIC TAGS: analog computer, computer component, computer, multiply-divide device

TRANSLATION: The multiplying-dividing device which was developed is designed for multiplying and dividing variables with the aid of elementary linear elements. The mathematical operation $z = x_1 \cdot x_2 / y$ is carried out by taking logarithms of the function z . Construction of logarithmic curves for a wide range of change in the variables presents a number of difficulties due to the very sharp slope of the logarithmic curve. This shortcoming is not apparent in case there is a small range of change in the variables, a fact which makes it possible to construct segments of logarithmic curves with high accuracy. After taking logarithms of the function z , the procedure is reduced to simple addition of the logarithms of

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L 19321-63
ACCESSION NR: AR3005865

values of the quantities x_1 , x_2 , y while the graph of the antilogarithm of z is replaced by straight lines. At the same time the error in the product is less than 1.5 to 2 percent. A schematic diagram of the linearly-approximating logarithmic unit and its calculation are presented. Precision resistors are utilized in all units. Some resistors may be variable for convenient adjusting of these units. The entire device may be assembled with a PT amplifier in a single unit; all variable resistors are under a slot and are fixed in place by lock nuts after adjusting. Test results are given in a table. Yu. U.

DATE ACQ: 15Aug63

SUB CODE: CP

ENCL: 00

Card 2/2

GABUNIYA, L.K.; LAZARASHVILI, T.N.

Recent data on the geological age of tufogenic deposits in southern Georgia. Soob.AN Gruz.SSR 28 no.1:53-55 Ja '62.

1. Akademiya nauk Gruzinskoy SSR, Institut paleobiologii, Tbilisi. (MIRA 15:4)
2. Chlen-korrespondent AN Gruzinskoy SSR (for Gabuniya). (Georgia—Geology, Stratigraphic) (Horses, Fossil)

LAZARAVIC, DORDE.

Lazaravic, Dorde. Osnovi teorije armiranog betona. Beograd, Naučna knjiga, 1950.
328 p. (Basic theory of reinforced concrete)

SO: "Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

ALEKSEYEU, Ye.K., prafesar; IAZARCHYK, K., redaktor; TARNAUSKAYA, tekhnicheskiy
redaktor.

[Pulse crops in White Russia] Zernebabovyyia kul'tury u BSSR. Minsk,
Dziarzh. vyd-va BSSR, 1953. 98 p. (Microfilm) (MLRA 9:5)
(White Russia--Legumes)

YEZUBCHYK, A.A.; LAZARCHYK, K., redaktor; KALECHYTS, G., tekhnicheskiy
redaktor; STZYAPANAVA, N., tekhnicheskiy redaktor.

[Micro-organisms in agriculture] Mikraarganizmy u sel'skai haspedartay.
Minsk, Dziarzh.vyd-va BSSR, 1957. 94 p. (MIRA 10:11)
(Bacteriology, Agriculture)

BERENSHTEYN, Feliks Yakovlevich, prof.; LAZARCHIK, K., red.; SLAVYANIN, I., tekhn.red.

[Trace elements, their biological role and significance for stockbreeding] Mikroelementy, ikh biologicheskaya rol' i znachenie dlja zhivotnovodstva. Minsk, Gos.izd-vo BSSR. Red. sel'khoz.lit-ry, 1958. 231 p. (MIRA 13:4)

1. Zaveduyushchiy kafedroy biokhimii Vitebskogo veterinarnogo instituta (for Berenshteyn).
(Trace elements) (Stock and stockbreeding)

MIKHALOK, Pavel Mikhaylovich; KHAZANOV, Nosan Khatskalevich [Khasanau, N.Kh.]; LAZARCHIK, K., red.; KOLECHITS, G. [Kalechyts, H.], tekhn.red.

[Work practices of the "Stalinski shliakh" State Seed Farm in Minsk District] Vopry raboty reinasenhasa "Stalinski shliakh," Minskaha raena. Minsk, Dzirzh.vyd-va BSSR, Red.sel'ska-haspadarchai lit-ry, 1960. 36 p. (MIRA 14:3)
(Minsk District--Seed production)

ZHILKO, Vladimir Vasil'yevich; LAZARCHIK, K., red.; ZEN'KO, M., tekhn.
red.

[Erosion control in White Russia] Bor'ba s eroziei pochv v Belo-
russkoi SSR. Minsk, Gos.izd-vo sel'khoz. lit-ry BSSR, 1962. 39 p.
(MIRA 15:11)

(White Russia—Erosion)

SKOROPANOV, Stepan Gordeyevich [Skarapanau, S.H.]; LAZARCHYK, K., red.;
ZEN'KO, M., tekhn. red.

[Heading for row crop cultivation] Kurs na prapashnuiu sistemu
zemliarobstva. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-
ry BSSR, 1962. 20 p. (MIRA 15:11)
(White Russia—Rotation of crops)

ZHUDRO, Gennadiy Fedorovich [Zhudro, H.F.]; LAZARCHYK, K., red.;
ZEN'KO, M., tekhn. red.

[How we grow corn] IAk my vyroshchvaem kukuruzu. Minsk, Dziarzh.
vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 39 p.
(MIRA 15:11)

(Corn (Maize))

SHEMPEL', V.I., akademik, red.; MUKHIN, N.D., kand. sel'khoz. nauk,
red.; RUBANOV, V.S., kand. sel'khoz. nauk, red.; LAZARCHIK, K.,
red.; TIMOSHCHUK, R., tekhn. red.

[For increased yields of groat crops] Za povyshenie urozhai-
nosti krupianykh kul'tur. Minsk, Sel'khozgiz BSSR, 1963. 78 p.
(MIRA 16:5)

1. Minsk. Nauchno-issledovatel'skiy institut zemledeliya.
2. Akademiya nauk Belorusskoy SSR (for Shempel').
(White Russia--Buckwheat) (White Russia--Millet)

DOROZHIN, N.A., akademik, red.; POLYANSKAYA, A.M., kand. sel'-khoz. nauk, red.; AL'SMIK, P.I. red.; AMBROSOV, A.L., red., kand. sel'khoz. nauk; SYUBAROV, A.Ye., kand. biol. nauk, red.; BALOBIN, V.N., kand. biol. nauk; LAZARCHIK, K., red.

[Ways of increasing the yield of fruit and berry crops]
Puti povysheniia urozhainosti plodovo-iagodnykh kul'tur.
Minsk, Izd-vo "Urozhai," 1963. 210 p. (MIRA 17:6)

1. Belorusskiy nauchno-issledovatel'skiy institut plodovodstva, ovoshchevodstva i kartofelya. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Al'smik).

IGNATENOK, Filipp Vasil'yevich, kand. tekhn. nauk; TIMOFEYEV, Aleksandr Filippovich; YAKOVLEV, Boris Ivanovich; LAZARCHIK, K. S., ~~red.~~; ZEN'KO, M.M., tekhn. red.

[Agricultural land improvement; a textbook] Sel'sko-khozai-stvennye melioratsii; uchebnoe posobie. Minsk, Gos.izd-vo sel'khoz. lit-ry BSSR, 1963. 291 p. (MIRA 16:9)
(Irrigation) (Drainage) (Erosion)

ZHURAVEL', Boris Nikitich; LAZARCHIK, K.S., red.; DIK, V.M.,
tekhn. red.

[Millet growing in White Russia] Kul'tura prosa v BSSR.
Minsk, Gos.izd-vo sel'khoz. lit-ry BSSR, 1963. 42 p.
(MIRA 16:12)
(White Russia--Millet)

SHEMPEL', V.I., glav. red.; PROKOPOV, P.Ye., red.; STRELKOV,
I.G., red.; RUBANOV, V.S., red.; LAZARCHIK, K., red.;
LESHCHILOVSKIY, P., red.

[Methods for improving the fertility of turf-Podzolic
soils. Prieny povyshenija plodorodiia dernovo-podzolistykh
pochv; sbornik nauchnykh trudov. Minsk, Urozhai, 1965.
217 p.]

1. Belrusskiy nauchno-issledovatel'skiy institut zemle-
deliya.

LAZARCHUK, S.P., elektromekhanik.

Change the construction of the semaphore lantern. Avtom., telem. i
sviaz' 2 no. 6:30 Je '58. (MIREA 11:6)

1. Sarenenskaya distantsiya signalizatsii i svyazi L'vovskoy dorogi.
(Railroads--Signaling--Equipment and supplies)

LAZARCZYK, L.; MATWIJKO, R.

(DROGOWNICTWO, Vol. 8, No. 8, Aug. 1953, Warsaw, Poland)
"Thorough repairs of road construction machinery according to regulations
and needs." p. 213

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No 4, APRIL 1954

LAZARCZYK, Stefan

Certain problems of labor and wages in the light of the propositions
for the 4th Congress of the Polish United Workers Party. Praca
zabezp spol 6 no.6:1-6 Je '64.

LAZAREK, M.

"Geologic researches in the environs of Burzenin." p. 27.
(PREZEGIAD GEOLOGICZNY. No. 1, Jan. 1955. Warszawa, Poland)

SO: Monthly List of East European Acquisitions. (EEAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

✓ Phosphorites in the vicinity of Milnuk on the Bug River.
Marta Fazek (Geol. Inst., Warsaw). *Przegląd Geol.* 5,
770-80(1987). The upper part of the Oligocene phosphorite-bearing bed, 1.5 m. thick, near Milnuk (Eastern
Poland) is a sandstone with phosphorite pebbles 2-16 cm.
in diam., the lower part being a glauconite sand with abundant
phosphorite excretions. A diagram showing the P_2O_5
content in grains of various sizes is reported, the max. value
being 16.5% P_2O_5 .

Jan Burchart

✓

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WJ

LAZAREK, R., KRAMARZEWSKI, S.

"An analysis of the fulfillment of the maintenance and repair plan," p. 8
(MOTORYZACJA, Vol. 8, no. 1, Jan. 1953, Warszawa, Poland)

SC: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

LAZAREK, R. : KRAMARZEWSKI, S.

(MOTORYZACJA, Vol. 9, No. 1, Jan. 1954, Warszawa, Poland)
"Analysis of the fulfillment of the plan for technical services and repair."
p. 10.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

LAZAREK, W.

"Proper use of the term Technical Conditions." (p.44) Polski Komitet Normalizacyjny.
WIADOMOSCI. Warszawa. Vol. 22, no. 1, Jan. 1954

SO: EAST European Accessions List Vol 4, No 8, Aug. 1954

LAZAREK, W.

An opinion on the draft standard Pl55/N-02000; standardization,
terminology. p. 66

MIBALIZACJA vol. 23, no. 11, Nov. 1955

Poland

so. EAST EUROPEAN ACCESIONS LIST vol. 5, no. 10 Oct. 1956